

1      **ABSTRACT**

2      A network system server, at a first network site, maintains network access  
3      information that identifies users authorized to access a network and a network  
4      controller, at a second network site, caches the network access information for  
5      individual users that request access to the network from the second network site.  
6      The network controller tracks the individual users that request access to the  
7      network from the second network site and updates the cached network access  
8      information for the individual users that request access to the network from the  
9      second network site within a defined time interval.